

P.N. /ar

BIOTECHNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING

ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number:

09/031,629

Art Unit / Team No. :

1644

Date Processed by STIC:

5/5/2000

RECEIVED
MAY 23 2000
TC 1600 MAIL ROOM

P#11

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

P. NOLAN

1644

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/031,629

DATE: 05/05/2000
TIME: 12:06:01

Input Set : A:\Mgh73531.app
Output Set: N:\CRF3\05052000\I031629.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Faustman
4 Hayashi
6 <120> TITLE OF INVENTION: Methods for Treating and Diagnosing Autoimmune Disease
8 <130> FILE REFERENCE: 11275/73537
10 <140> CURRENT APPLICATION NUMBER: 09/031,629
OK 11 <141> CURRENT FILING DATE: 1998-03-27
13 <160> NUMBER OF SEQ ID NOS: 6
15 <170> SOFTWARE: PatentIn Ver. 2.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 5
19 <212> TYPE: PRT
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <221> NAME/KEY: SITE
24 <222> LOCATION: (5)
25 <223> OTHER INFORMATION: Xaa at position 5 is 7-amino-4-methylcoumarin
26 attached to the C-terminal tyr.
28 <220> FEATURE:
29 <221> NAME/KEY: SITE
30 <222> LOCATION: (1)
31 <223> OTHER INFORMATION: The N-terminal leu contains a succinyl
32 modification.
34 <220> FEATURE:
35 <223> OTHER INFORMATION: Description of Artificial Sequence: Fluorogenic
36 peptide used for degradation assays.
38 <400> SEQUENCE: 1
W--> 39 Leu Leu Val Tyr Xaa
40 1
43 <210> SEQ ID NO: 2
44 <211> LENGTH: 4
45 <212> TYPE: PRT
46 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <221> NAME/KEY: SITE
50 <222> LOCATION: (4)
51 <223> OTHER INFORMATION: Xaa at position 4 is 7-amido-4-methylcoumarin
52 attached to the C-terminal arg.
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: Fluorogenic
56 peptide used for degradation assays.
58 <220> FEATURE:
59 <221> NAME/KEY: SITE
60 <222> LOCATION: (1)
61 <223> OTHER INFORMATION: The N-terminal leu contains a tert-butyloxycarbonyl
62 modification.
64 <400> SEQUENCE: 2
W--> 65 Leu Arg Arg Xaa

Per Sequence Rules,
Xaa can only represent a single amino acid,
nothing else

ppr 1-2

same err

RAW SEQUENCE LISTING DATE: 05/05/2000
 PATENT APPLICATION: US/09/031,629 TIME: 12:06:01

Input Set : A:\Mgh73531.app
 Output Set: N:\CRF3\05052000\I031629.raw

```

66 1
69 <210> SEQ ID NO: 3
70 <211> LENGTH: 4
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <221> NAME/KEY: SITE
76 <222> LOCATION: (4)
77 <223> OTHER INFORMATION: Xaa at position 4 is beta-naphthylamide attached to
78   the C-terminal glu. same
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence:Fluorogenic
82   peptide used for degradation assays.
84 <220> FEATURE:
85 <221> NAME/KEY: SITE
86 <222> LOCATION: (1)
87 <223> OTHER INFORMATION: The N-terminal leu contains a carbobenzoxy
88   modification.
90 <400> SEQUENCE: 3
W--> 91 Leu Leu Glu Xaa
92 1
95 <210> SEQ ID NO: 4
96 <211> LENGTH: 6
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Description of Artificial Sequence:Heptapeptide
102   from the carboxy-terminal-domain of RNA polymerase
103   II large subunit.
105 <400> SEQUENCE: 4
106 Tyr Ser Pro Thr Pro Ser
107 1 5
110 <210> SEQ ID NO: 5
111 <211> LENGTH: 32
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence:Probe for
117   wild-type kappa B1 sequence.
119 <400> SEQUENCE: 5
120 gatcttaggga cttccgcgtg gggactttcc ag      32
123 <210> SEQ ID NO: 6
124 <211> LENGTH: 40
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence:Probe for
130   wild-type kappa B2 sequence.
132 <400> SEQUENCE: 6

```

RAW SEQUENCE LISTING DATE: 05/05/2000
PATENT APPLICATION: US/09/031,629 TIME: 12:06:01

Input Set : A:\Mgh73531.app
Output Set: N:\CRF3\05052000\I031629.raw

133 gatctcaggg gaatctccct ctccctttat gggcgtagcg

40

VERIFICATION SUMMARY DATE: 05/05/2000
PATENT APPLICATION: US/09/031,629 TIME: 12:06:02

Input Set : A:\Mgh73531.app
Output Set: N:\CRF3\05052000\I031629.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:39 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:65 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3